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## Amendment

## Amendment to the Claims

1. (withdrawn) A bipolar transistor (BJT) with reduced base-collector capacitance comprising

an extrinsic base, and

a lateral trench beneath the extrinsic base.

- 2. (withdrawn) A BJT of claim 1, wherein the trench is filled with air.
- 3. (withdrawn) A BJT of claim 1, wherein the trench is filled with an insulator.
- 4. (withdrawn) A BJT of claim 3, wherein the insulator is a high step coverable insulating material.
- 5. (withdrawn) A BJT of claim 4 wherein the insulator is PETEOS.
- 6. (withdrawn) A BJT of claim 1, wherein the trench has a <110> orientation.
- 7. (withdrawn) A BJT of claim 6, wherein the trench is formed in a <100> silicon wafer.
- 8. (canceled)
- 9. (canceled)
- 10. (currently amended) A method of forming a laterally extending trench in a semiconductor material underneath an extrinsic base of a BJT, comprising choosing a wafer with a <100> crystal orientation, etching a vertically extending STI region next to the extrinsic base,

and

using an anisotropic etchant to etch the laterally extending trench to extend laterally from the STI,

A method of claim 8, wherein the ehoosing of the crystal orientation is chosen so that the includes choosing a lateral trench extends direction that is in the <110> direction.

11. (original) A method of claim 10, wherein the semiconductor material is silicon.

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- 12. (original) A method of claim 11, wherein the etchant is a wet anisotropic silicon etchant.
- 13. (original) A method of claim 12, wherein the etchant includes KOH.
- 14. (original) A method of claim 13, wherein the etchant further includes alcohol and water.
- 15. (original) A method of claim 12, wherein the etchant includes TMAH.